System Variables

This section describes the system variables available in Super Natural.

This section covers the following topics:

- *APPLIC-ID

- *APPLIC-NAME

- *DAT Variables

- *DEVICE

- *GROUP

- *HARDCOPY

- *INIT-ID

- *INIT-USER

- *LANGUAGE

- *LIBRARY-ID

- *OPSYS

- *PAGE-NUMBER

- *PROGRAM

- *TIM Variables

-

   *TPSYS

-

   *USER

-

   *USER-NAME

*APPLIC-ID

Format/length: A8.

This system variable contains the ID of the library which the user is using.

*APPLIC-NAME

Format/length: A32.

If Natural Security is installed, this variable contains the name of the library which the user is using.

If Natural Security is not installed, this variable contains the name SYSTEM.

*DAT Variables

All *DAT variables contain the current date. The format of the date is different for each date variable, as indicated below.

Date Variable	Format/Length	Date Format
*DATD	A8	DD.MM.YY
*DAT4D	A10	DD.MM.YYYY
*DATE	A8	DD/MM/YY
*DAT4E	A10	DD/MM/YYYY
*DATG	A15	DDmonthnameYYYY (Gregorian date)
*DATI	A8	YY-MM-DD
*DAT4I	A10	YYYY-MM-DD
*DATJ	A5	YYDDD (Julian date)
*DAT4J	A7	YYYYDDD (Julian date)
*DATN	N8	YYYYMMDD
*DATU	A8	MM/DD/YY
*DAT4U	A10	MM/DD/YYYY
*DATX	D	Internal date format

* D = day, M = month, Y = year.

*DEVICE

Format/length: A8.

This system variable contains the device type/mode from which Natural has been invoked. It may contain one of the following values:

Value	Description
BATCH	batch mode
COLOR	3279 compatibility3278 (device with extended attribute support)
VIDEO	3270 screen devices
TTY	teletype or other start/stop devices
PC	PC device
BTX	BTX device

*GROUP

Format/length: A8.

This system variable is applicable under Natural Security only. It contains the ID with which the user has logged on to a protected library.

If the user is directly linked to the library, *GROUP contains the user's ID. If the user is linked to the library via a group, *GROUP contains the group ID.

If the user is logged on to an unprotected library (where no link is used), *GROUP is blank.

If Natural SECURITY is not active, *GROUP is blank.

*HARDCOPY

Format/length: A8.

This system variable contains the name of the hardcopy device which is used when the hardcopy function is used.

*INIT-ID

Format/length: A8.

This system variable contains the ID of the terminal from which Natural was invoked. The terminal ID is defined according to the conventions of the host TP system.

In batch mode, *INIT-ID contains the step name of the Natural job.

*INIT-USER

Format/length: A8.

This system variable contains the ID of the user logged on at the terminal being used. In batch mode, it contains the job name of the Natural job. Under BS2000, it contains the BS2000 logon identification.

*LANGUAGE

Format/length: I1.

This system variable contains the language indicator (language code) of the language you are using. A one-character code is assigned to each language.

The following languages are assigned to the individual language codes if they are available at your site.

Code	Language
1	English
2	German
3	French
4	Spanish
5	Italian
6	Dutch
7	Turkish
8	Danish
9	Norwegian
10	Albanian
11	Portuguese
12	Chinese Latin (Republic of China)
13	Czech
14	Slovak
15	Finnish
16	Hungarian
17	Icelandic
18	Korean
19	Polish
20	Romanian
21	Swedish
22	Croatian
23	Catalan
24	Basque

Code	Language
25	Afrikaans
26	Bulgarian
27	Greek
28	Japanese (Katakana)
29	Russian
30	Serbian
31	Arabic
32	Farsi (Iran)
33	Hebrew
34	Urdu (Pakistan)
51	Hindi
52	Malayan
53	Thai
57	Chinese (People's Republic of China)
58	Chinese (Republic of China)
59	Japanese (Kanji)
60	Korean

*LIBRARY-ID

Format/length: A8.

This system variable contains the current Natural library ID (as specified by the user in the LOGON command).

This variable is the equivalent of the variable *APPLIC-ID.

*OPSYS

Format/length: A8.

This system variable contains the name of the operating system that is being used.

*PAGE-NUMBER

Format/length: P5.

This system variable contains the current page number of an output report.

*PROGRAM

Format/length: A8.

This system variable contains the name of the Natural program that is currently being executed.

*TIM Variables

*TIM variables contain the current time. The format of the time is different for each variable, as indicated below:

Time Variable	Format/Length	Time Format
*TIME	A10	HH:MM:SS.T
*TIMN	N7	HHMMSST
*TIMX	T	Internal time format

*TPSYS

Format/length: A8.

This system variable contains the name of the TP monitor that is being used. In batch mode, *TPSYS is blank.

*USER

Format/length: A8.

This system variable contains the user ID used in the Natural Security logon.

If Automatic Logon (profile parameter AUTO=ON) is active, the value of *USER is identical to the value of the system variable *INIT-USER.

If Natural Security is not active, the value of *USER is identical to the value of the system variable *INIT-USER.

*USER-NAME

Format/length: A32.

If Natural Security is installed, this variable contains the name of the user currently logged on to Natural.

If Natural Security is not active, the default is "SYSTEM".